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(21)Application number: 09284845 (71)Applicant:HITACHI LTD

HITACHI TAGA TECHNOL KK

(22)Date of filing: 17.10.1997(72)Inventor:KOTADO TOSHIHARU

KANAI YOSHIO

MIKATA JOZO

TSUKAMOTO HIROSUKE

SARUTA KENJI

(54) WATER PURIFYING CARTRIDGE

(57)Abstract:

PROBLEM TO BE SOLVED: To miniaturize a cartridge containing hollow yarn membranes by forming a water flow route by arranging activated carbon and hollow yarn membranes in this order from the upstream side to the downstream side between a water flow inlet and an outlet formed in the open end of a one side closed cylindrical body and moreover installing a movement suppressing member for the activated carbon.

SOLUTION: A water purifying cartridge 5 to be attached to a body 1 in freely detachable manner has a water inlet 5a and a water outlet 5b and the body 1 is to be attached to a faucet 3 in freely detachable manner. The water inlet 5a and the water outlet 5b are communicated respectively with an inlet route 1d and an outlet route 1e of the body 1. The outside case 5e of the cartridge 5 is formed into a cylindrical shape of which one end is closed and the other end is opened and a hollow yarn membrane case 9 is installed in the inside and hollow yarn membranes 6 are housed in the case 9. Granular coconut husk-derived activated carbon 7 is housed in the outside of the hollow yarn membrane case 9. Porous plates 10, 11 are so arranged as to form an upper and a lower end faces of the activated carbon 7 and the movement of the activated carbon is suppressed. Consequently, a water purifying cartridge containing hollow yarn membranes 6 can be miniaturized.

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